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GLOBAL HARMONIZATION OF SYSTEMS OF CLASSIFICATION
AND LABELLING CHEMICALS

Physical hazards

Burning tests for organic peroxide storage classification

Transmitted by the expert from Sweden

I. Introduction

During the discussions in the working groups on reactivity, it was agreed that for organic peroxides the UN system, test series A-H, should be used in the harmonized approach, see document ST/SG/AC.10/R.547.

However, for many years burning tests have been regarded as being necessary for storage classification of organic peroxides, in combination with UN classification. This is implemented in most storage regulations in Europe and United States of America. The aspect of having burning tests as a part of organic peroxide storage classification has never been discussed within the working groups on reactivity.

2. Justification of proposal

In view of global harmonization, which is intended to cover all areas of handling, a burning test for organic peroxides should have its place in the harmonized classification system for storage purposes.

Regardless the fact that the testmethod to determine burning properties of organic peroxides are currently not harmonized, the various existing burning tests are used for storage classifications and should therefore be part of the harmonized classification system.

3. Proposal

Sweden proposes to include a burning test in the harmonized test procedure for organic peroxides for storage purposes. For the time being reference can be made to the existing test methods as prescribed in the current storage regulations/recommendations.
